

VITA

Wayne K. Talley

Academic Experience:

Frederick W. Beazley Professor of Economics,
Eminent Scholar,
Eminent Professor,
Research Professor,
Professor,
Associate Professor,
Assistant Professor,
Old Dominion University, 1972 - .

Honorary Fellow
University of Wisconsin - Milwaukee
July, 2000.

Guest Professor
Institute of Transport and Maritime Management
University of Antwerp, Belgium, November, 1998.

Distinguished Visitor
Institute of Transport Studies
Graduate School of Business
University of Sydney, Australia, June, 1997.

Thomas W. Rivers Distinguished Professor
of International Studies,
Visiting Distinguished Professor of Economics,
East Carolina University, Fall, 1996.

Visiting Research Fellow
Centre for Transport Policy Analysis
University of Wollongong
Wollongong, Australia
April, 1988.

Visiting Fellow
Transport Studies Unit
University of Oxford
Oxford, England
Summer, 1983.

Editorial Experience:

Editor-in-Chief (2000 -), Associate Editor (1997 - 99), Transportation Research Part E: Logistics and Transportation Review (published by Elsevier Science and listed in the Journal of Economic Literature).

General Editor (1998 - 99), Associate Editor (1991 - 97), Journal

Editorial Board, Transportation Quarterly (appointed November, 1998).

Editorial Board, International Journal of Maritime Economics
(appointed May, 1998).

Editorial Board, Journal of International Transport, Trade and Finance (appointed January, 1998).

International Editorial Board, Journal of Air Transport Management (appointed January, 1998).

North American Editor, Newsletter: International Association of Maritime Economists (appointed August, 1998).

Chair, Paper Review Subcommittee of the Committee on Transportation Economics, Transportation Research Board (1989 - 92).

Education:

Ph.D. Economics, 1972
University of Kentucky.

M.A. Economics, 1971
University of Kentucky.

M.S. Business, 1967
Virginia Commonwealth University.

B.A. Economics, 1965
University of Richmond.

Administrative Experience:

Executive Director, International Maritime, Ports and Logistics Management Institute, 1999 - .

Chair, Department of Economics, 1988 - 91.

Graduate Program Director, M.A. Economics Program, 1981 - 84.

Courses Taught:

Graduate courses in Microeconomic Theory, Econometrics, Research Methods, Macroeconomics, Managerial Economics, and Port Planning and Economics.

Undergraduate courses in Public Finance, Statistics, Transportation Economics, Mathematical Economics, Econometrics, Managerial Economics, Business Calculus, Microeconomic Theory, Macroeconomic Theory, and Business Quantitative Methods.

**Research Appointments
and Visitorships:**

Senior Research Fellow
Marine Policy Center
Woods Hole Oceanographic Institution
Woods Hole, Massachusetts

July, 1999.

Research Scientist
Institute for Water Resources
Water Resources Support Center
U.S. Army Corps of Engineers
Alexandria, Virginia (1995 - 96).

Maritime Fellow
International Maritime, Ports and Logistics
Management Institute, Old Dominion University,
Norfolk, Virginia (1995 - 99).

NCHRP Project Panel, State and National Macro-economic
Linkages Between Transportation Investments and Economic
Performance, National Cooperative Highway Research Program,
Transportation Research Board, National Research Council,
Washington, D.C. (1991 - 95).

Senior Research Associate
Centre for Transport Policy Analysis
University of Wollongong
Wollongong, Australia (1991 - 94).

Committee for the Study of the Federal Employers'
Liability Act, Transportation Research Board, National Research
Council, Washington, D.C. (1992 - 93).

Committee for the Study on Landside Access to U.S. Ports,
Transportation Research Board, National Research Council,
Washington, D.C. (1991 - 92).

Visitor
Bureau of Transport and Communications
Economics, Australia Department of Transport and
Communications, Canberra, Australia, April, 1988.

Research Fellow
Virginia Center for World Trade
Old Dominion University
Norfolk, Virginia (1986 - 87).

Maritime Research Fellow
Maritime Trade and Transport
Old Dominion University
Norfolk, Virginia (1984 - 86).

Industry Economist
Interstate Commerce Commission
Washington, D.C., Summer, 1981.

Faculty Fellow

Transportation Systems Center
U.S. Department of Transportation
Cambridge, Massachusetts, Summer, 1980.

Research Associate
Tidewater Transportation District Commission
Norfolk, Virginia, 1977 - 80; 1982 - 92.

Faculty Fellow
National Aeronautics and Space Administration
Langley Air Force Base
Langley, Virginia
Summer, 1973.

International Conferences:

Naples Conference
International Association of Maritime Economists
Naples, Italy
September, 2000.

Session Chair
Halifax Conference
International Association of Maritime Economists
Halifax, Canada
September, 1999.

Session Chair
The Eighth World Conference on Transport Research
Antwerp, Belgium
July, 1998.

1997 International Conference
International Association of Maritime Economists
London, England
September, 1997.

The Seventh International Offshore and Polar
Engineering Conference
Honolulu, Hawaii
May, 1997.

1996 International Conference
International Association of Maritime Economists
Vancouver, Canada
June, 1996.

Conference on Critical Issues in Maritime Economics
International Association of Maritime Economists
Massachusetts Institute of Technology
Cambridge, Massachusetts
December, 1995.

Session Chair

The Seventh World Conference on Transport Research
Sydney, Australia
July, 1995.

Workshop Rapporteur
Fourth International
Conference on Competition
and Ownership in Land Passenger Transport
Rotorua, New Zealand
July, 1995.

Program Committee Member
International Conference on Information and Systems
Dalian, China, September, 1992 (unable to attend).

The Sixth World Conference on
Transport Research
Lyon, France
July, 1992.

Workshop Rapporteur
Second International Conference
on Privatization and Deregulation
of Passenger Transportation
Tampere, Finland
June, 1991.

Workshop Rapporteur
First International Conference
on Privatization and Deregulation
of Passenger Transportation
Thredbo, Australia
May, 1989.

The Fourth World Conference on Transport Research
Vancouver, Canada
June, 1986.

Research Awards:

Outstanding Achievement Award, Friends of the Library, Old
Dominion University, April, 1999.

Hanjin Shipping Prize, International Association of Maritime
Economists' Best Paper, The Eighth World Conference on
Transport Research, Antwerp, Belgium, July, 1998.

Outstanding Research Award, The 39th Annual Meeting of the
Transportation Research Forum, Montreal, Canada, October,
1997.

Annual Excellence in Research Award: College of Business and Public Administration, ODU, 1996 - 97.

Annual Excellence in Research Award: College of Business and Public Administration, ODU, 1991 - 92.

University Finalist for Research,
SCHEV Outstanding Faculty Awards Program,
ODU, 1989.

Fifth Annual Excellence in Research Award: College of Business and Public Administration, ODU, 1986 - 87.

Third Annual Excellence in Research Award: School of Business Administration, ODU, 1984 - 85.

First Annual Excellence in Research Award: School of Business Administration, ODU, 1982 - 83.

First Annual Research Award: Economics Department,
ODU, 1980 - 1981.

**Appointments, Elections, Memberships
and Offices Held:**

International Steering Committee, 2001 Annual General Conference of the International Association of Maritime Economists, Hong Kong (2001).

Ph.D. Dissertation Committee, University of Maryland, College Park (2000-2001).

Ph.D. Dissertation Committee, George Mason University (2000-2001).

Invited Participant, International Workshop on Economic and

External Referee, Research Grants Council, Hong Kong (2000).

Foreign Referee, Research Council of the University of Antwerp,

Halifax (Canada) Conference Program Committee, International Association of Maritime Economists (1999).

Council, International Association of Maritime Economists (1998 -).

Council, U.S. Transportation Research Forum (1997-99; 1990-92).

Dwight David Eisenhower HBCU Transportation Fellowship Review Panel, Transportation Institute, North Carolina A & T State University (1993 - 99).

External Reviewer, Transportation Center, University of California, Berkeley (1993).

External Reviewer, Southeastern Transportation Center, N.C. State University (1993).

Vice-President for International Affairs, U.S. Transportation Research Forum (1992 - 93).

Transportation Research Board, National Research Council (Member of the A1B08 Committee on Ports and Waterways, Reappointed to a second 3-year term; Feb. 1, 1992 - January 31, 1995).

Transportation Research Board, National Research Council (Member of the A1C01 Committee on Transportation Economics, Reappointed to a fourth 3-year term, February 1, 1990 - January 31, 1992).

Transportation Research Forum
(Executive Vice-President of the Hampton Roads Chapter).

International Association of Maritime Economists.

International Maritime Statistics Forum.

American Society of Transportation and Logistics (sponsored membership; educator member).

World Conference on Transport Research Society.

American Economic Association.

**Referee for the
Following Journals:**

Journal of Transport Economics and Policy; International Journal of Maritime Economics; Regional Science and Urban Economics; Applied Economics; Public Finance Quarterly; Journal of Economics and Business; Journal of Economics and Finance; The Logistics and Transportation Review; Transportation Research: An International Journal; Transportation Science; Transportation Research Record; Journal of the Transportation Research Forum; Transportation Quarterly.

PUBLICATIONS AND WRITINGS

A. Books

Causes and Deterrents of Transportation Accidents: An Analysis by Mode. Westport, Connecticut: Quorum Books, 1994 (co-authored with P. Loeb and T. Zlatoper).

Ocean Container Transportation: An Operational Perspective. New York: Taylor & Francis, 1990 (co-authored with M. Chadwin and J. Pope).

Transport Carrier Costing. New York: Gordon and Breach Science Publishers, 1988.

Introduction to Transportation. Cincinnati, OH: South-Western Publishing Company, January, 1983.

Instructor's Manual for Introduction to Transportation. Cincinnati, OH: South-Western Publishing Company, February, 1983.

B. Books (By Committee)

Compensating Injured Railroad Workers Under the Federal Employers' Liability Act. Washington, D.C.: National Academy Press, 1994 (Committee for the Study of the Federal Employers' Liability Act, Transportation Research Board, National Research Council).

Landside Access to U.S. Ports. Washington, D.C.: National Academy Press, 1993 (Committee for Study on Landside Access to Ports, Transportation Research Board, National Research Council).

C. Edited-Book and Special-Issue Journal Contributions

"Costing Theory and Processes," Handbook in Transport 2: Transport and Supply-Chain and Logistics, Editors, K. Button and D. Hensher, Oxford, Elsevier Science, forthcoming.

"Determinants of Ship Accident Seaworthiness," 8th World Conference on Transport Research: Special Interest Group on Maritime and Ports, Editors, M. Kavussanos and H. Thanopoulou, a special issue of the journal International Journal of Maritime Economics, Vol. 1, No. 2 (October-December, 1999), pp. 1-14.

"Railroad Deregulation and Union Labor Earnings," Regulatory Reform and Labor Markets, Editor, J. Peoples, Boston: Kluwer Academic Publishers, 1998, 125-153 (co-authored with A. Schwarz-Miller).

"The Vessel Damage Severity of Bulk-Vessel Accidents," Essays in Honour of and in Memory of Late Professor Emeritus of Maritime Economics, Dr. Basil N. Metaxas, Editor, A. M. Goulielmos, Piraeus, Greece: University of Piraeus, 1997, pp. 627-639 (co-authored with T. Rivers).

"The Relative Bargaining Power of Public Transit Labor," Research in Transportation Economics, Vol. 4, Editor, B. McMullen, Greenwich, Connecticut: JAI Press, Inc., 1996, pp. 69-85 (co-authored with A. Schwarz-Miller).

"Determinants of the Ship Damage Severity of Containership Accidents," Selected Papers from the 7th World Conference on Transport Research, Editor, H. Haralambides, a special issue of the journal Maritime Policy and Management, Vol. 23, No. 3 (July-September, 1996), pp. 239-247, reprinted from World Transport Research: Proceedings of the 7th World Conference on Transport Research, Vol. 4, Transport Management, Editors, D. Hensher, J. King, and T. Oum, Oxford, United Kingdom: Pergamon, 1996, pp. 221-227.

"Linkages Between Transportation Infrastructure Investment and Economic Production," Transport Infrastructure Investment and Economic Development, Editors, D. Gillen and W. Waters, II, a

special issue of the journal The Logistics and Transportation Review, Vol. 32, No. 1 (March, 1996), pp. 145-154.

"Motor Bus Labor Earnings in Regulated and Deregulated Environments," Research in Transportation Economics, Vol. 3, Editor, B. McMullen, Greenwich, Connecticut: JAI Press, Inc., 1994, pp. 95-117 (co-authored with A. Schwarz-Miller).

"The Impact of Deregulation on Airline Safety: Profit-Safety and Market-Response Arguments," Privatization and Deregulation in Passenger Transportation, Editors, M. Beesley, D. Hensher and A. Talvitie, Forssa, Finland: Auranen, Ltd., 1993, pp. 205-211.

"Report on Externalities: Public Interest and Private Good," Privatization and Deregulation in Passenger Transportation, Editors, M. Beesley, D. Hensher and A. Talvitie, Forssa, Finland: Auranen, Ltd., 1993, pp. 179-181. (co-authored with C. Nash, University of Leeds, UK and P. Stopher, Director, Louisiana Transportation Research Center).

"Experiences From Different Countries," Competition and Ownership of Bus and Coach Services, Editor, D. Hensher, New York: Gordon and Breach Science Publishers, a special issue of the journal Transportation Planning and Technology, Vol. 15 (1991), pp. 125-133 (co-authored with P. Hills, University of New Castle upon Tyne, UK).

"Promoting Cost Improvements in Public Transit Firms," Competition and Ownership of Bus and Coach Services, Editor, D. Hensher, New York: Gordon and Breach Science Publishers, a special issue of the journal Transportation Planning and Technology, Vol. 15 (1991), pp. 177-184.

"U.S. and U.K. Regulatory Reform of Intercity Bus Service," The Age of Regulatory Reform, Editors, K. Button and J. Swann, Oxford: Oxford University Press, 1989, pp. 257-278.

"Competition in the Provision of U.S. and U.K. Urban Bus Services: Privatization vs. Deregulation," Bus Deregulation and Privatization: An International Perspective, Editors, J. Dodgson and N. Topham, Aldershot, England: Gower Publishing Company, 1988, pp. 171-184.

D. Urban Transportation

"Motivations and Impediments to Service Contracting, Consolidations and Strategic Alliances in Public Transit Organizations," Administration and Society, forthcoming (co-authored with K. Obeng and I. Ugboro).

"The Processes and Outcomes of Collaboration: A Study of Public Transit Systems," Southern Management Association: 1998 Proceedings, Editor, S.H. Barr (1998), pp. 350-354 (co-authored with K. Obeng and I. Ugboro).

"Motivations and Impediments to Public Transit Contracting, Consolidations and Alliances: The U.S. Experience," Conference Papers: Fifth International Conference on Competition and Ownership in Land Passenger Transport (1997), pp. 1-16 (co-authored with K. Obeng and I. Ugboro).

"International Experiences in Competitive Operations of Land Passenger Transport." Transport Reviews, Vol. 16, No. 4 (1996), pp. 289-294 (co-authored with B. Turley, Chief Executive Officer, Yellow Bus Company, Auckland, New Zealand).

"The Effects of Subsidies on Public Transit Long-Run Costs," Journal of the Transportation Research Forum, Vol. 35, No. 1 (1995), pp. 69-86 (co-authored with K. Obeng and C. Colburn).

"A Firm Specific Analysis of Economies of Size in the U.S. Urban Multiservice Transit Industry," Transportation Research: An International Journal, Vol. 26B, No. 3 (June, 1992), pp. 195-206 (co-authored with C. Colburn).

"Contracting Out and Cost Economies for a Public Transit Firm," Transportation Quarterly, Vol. 45, No. 3 (July, 1991), pp. 409-420.

"Transit Performance Evaluation and Time Prices: A Single Indicator Methodology," Journal of the Transportation Research Forum, Vol. 31, No. 2 (1991), pp. 462-470.

"Paratransit Services, Contracting Out and Cost Savings for Public Transit Firms: A Firm Specific Analysis," Transportation Planning and Technology, Vol. 15 (1990), pp. 13-25.

"Optimization of Bus Frequency and Speed of Service: A System Approach," The Logistics and Transportation Review, Vol. 25, No. 2 (June, 1989), pp. 139-156.

"An Economic Theory of the Public Transit Firm," Transportation Research: An International Journal, Vol. 22B, No. 1 (February, 1988), pp. 45-54.

"On-Time Performance and the Exponential Probability Distribution," Transportation Research Record, No. 1108 (1987), pp. 22-26 (co-authored with J. Becker).

"An Urban Transit Firm Providing Transit, Paratransit, and Contracted-Out Services: A Cost Analysis," Journal of Transport Economics and Policy, Vol. 20, No.3 (September, 1986), pp. 353-368 (co-authored with E. Anderson).

"A Comparison of Two Methodologies for Selecting Transit Performance Indicators," Transportation: An International Journal, Vol. 13, No. 3 (1986), pp. 201-210.

"A Corporate Planning Model for a Multiservice Public Transit Firm," Transportation Quarterly, Vol. 39, No. 3 (July, 1985), pp. 375-390 (co-authored with B. Rubin).

"Dial-A-Ride and Bus-Transit Services: A Mode-Choice Analysis," Transportation Research Record, No. 984 (1985), pp. 63-66 (co-authored with M. Wilds).

"The Net Incidence of Transit Subsidies: A Case Study," Transportation Planning and Technology, Vol. 8 (1983), pp. 141-148 (co-authored with R. Pinckney).

Objectives For Public Transit Firms, Transport Studies Unit, Oxford University, Ref. No. 225 (July 1983).

"A Single Measure for Evaluating Public Transit Systems," Transportation Quarterly, Vol. 36, No. 3 (July, 1982), pp. 423-431 (co-authored with A. Jeff Becker).

"Effectiveness and Efficiency in Transit Performance: A Theoretical Perspective," Transportation Research: An International Journal, Vol. 15A, No. 6 (November, 1981), pp. 431-436 (co-authored with P. Anderson).

"The Redistributive Impact of the Atlantic Mass Transit System: A Comment," Southern Economic Journal, Vol. 47, No. 3 (January 1981), pp. 831-838 (co-authored with G. French).

"Alternative Methodologies for Measuring Transit Benefits," Transportation Research Record, No. 735 (1979), pp. 15-17 (co-authored with A. Becker).

"A Corporate Planning Model for a Public Transit Firm: A Case Study," Selected Papers on Major Issues Facing Public Transit, American Public Transit Association (1984) (co-authored with B. Rubin).

Strategic Planning for Public Transportation Services and Finance, Tidewater Transportation District Commission, 1984, (co-authored with B. Rubin).

"Demand Responsive Transit Systems and Performance Evaluation," Paratransit Service Development and Evaluation, Tidewater Transportation District Commission, 1981.

Prototype Bus System Evaluation, U.S. Government Printing Office: Urban Mass Transit Administration, U.S. Department of Transportation, co-authored with Tidewater Regional Transit Planners, 1981.

"Rural Public Transportation: An Overview," Shared Ride Taxi, Tidewater Transportation District Commission, 1980.

Bus Service Evaluation Procedures: A Review, U.S. Government Printing Office, Urban Mass Transit Administration, U.S. Department of Transportation, 1979 (MBTA and Tidewater Regional Transit Planners, a contributor).

Benefits and Costs of Tidewater Regional Transit, Market Research Report No. 3, Tidewater Transportation District Commission, 1978, (co-authored with A. Becker).

Transit Demand Analysis, Market Research Report No. 1, Tidewater Transportation District Commission, 1977 (co-authored with A. Becker and J. Jones).

E. Maritime Transportation

"Vessel Accident Oil Spillage: Post U.S. OPA-90." Transportation Research Part D: Transport and Environment, forthcoming (co-authored with D. Jin and H. Kite-Powell).

"Cargo Damage Risks of Barge Accidents," Proceedings of the 42nd Annual Meeting of the Transportation Research Forum, (November-December, 2000), pp. 70-87.

"Determinants of the Property Damage Costs of Bulk Barge Accidents," Maritime Policy and Management: An International Journal of Shipping and Port Research, forthcoming.

"Ocean Container Shipping: Impacts of a Technological Improvement," Journal of Economic Issues, forthcoming.

"Oil Spillage and Damage Costs: U.S. Inland Waterway Tank Barge Accidents," International Journal of Maritime Economics, Vol. II, No. 3 (July - September, 2000), pp. 217-234.

"Determinants of the Property Damage Costs of Tanker Accidents," Transportation Research Part D: Transport and Environment, Vol. 4 (1999), pp. 413-426.

"Vessel Traffic Service Systems: Cost-Recovery Alternatives," Maritime Policy and Management:

An International Journal of Shipping and Port Research, Vol. 25, No. 2 (April-June, 1998), pp. 107-115.

"Determinants of Cargo Damage Risk and Severity: The Case of Containership Accidents," The Logistics and Transportation Review, Vol. 32, No. 4 (December, 1996), pp. 377-388.

"Determinants of Tanker Accident Oil Spill Risk," International Journal of Transport Economics, Vol. 23, No. 1 (February, 1996), pp. 3-16 (co-authored with E. Anderson).

"The Oil Spill Size of Tanker and Barge Accidents: Determinants and Policy Implications," Land Economics, Vol. 71, No. 2 (May, 1995), pp. 216-228 (co-authored with E. Anderson).

"Performance Indicators and Port Performance Evaluation," The Logistics and Transportation Review, Vol. 30, No. 4 (December, 1994), pp. 339-352.

"Vessel and Port Technologies at the Turn of the Century," Transportation Research Record, No. 1333 (1992), pp. 1-8, (co-authored with M. Chadwin).

"Modeling Port Cost," 1991 Proceedings: Decision Sciences Institute, Vol. 3 (November, 1991), pp. 1669-1672 (co-authored with J. Pope).

"Optimal Containership Size," Maritime Policy and Management: An International Journal of Shipping and Port Research, Vol. 17, No. 3 (July-September, 1990), pp. 165-175.

"Optimum Throughput and Performance Evaluation of Marine Terminals," Maritime Policy and Management: An International Journal of Shipping and Port Research, Vol. 15, No. 4 (October-December, 1988), pp. 327-331.

"Inventory Costs and Optimal Ship Size," The Logistics and Transportation Review, Vol. 24, No. 2 (June, 1988), pp. 107-120 (co-authored with J. Pope).

"The Role of U.S. Ocean Ports in Promoting an Efficient Ocean Transport System," Maritime Policy and Management: An International Journal of Shipping and Port Research, Vol. 15, No. 2 (April-June, 1988), pp. 147-155.

"Minimizing Inventory Costs with Scheduled Liner Service," 1987 Proceedings: Decision Sciences Institute, Vol. 2 (November, 1987), pp. 812-814 (co-authored with J. Pope).

"A Short-Run Cost Analysis of Ocean Containerships," The Logistics and Transportation Review, Vol. 22, No. 2 (June, 1986), pp. 131-139.

"Economies of Density of Ocean Tanker Ships," Journal of Transport Economics and Policy, Vol. 20, No. 1 (January, 1986), pp. 91-99 (co-authored with V. Agarwal and J. Breakfield).

"U.S. Ocean Ports In an Era of Deregulation," Proceedings: The Shipping Act of 1984, Evaluating Its Impact, Virginia Center for World Trade, Old Dominion University, (1986).

"Determinants of Liner Conference Rates Under Containerization," International Journal of Transport Economics, Vol. 12, No. 2 (June, 1985), pp. 145-155 (co-authored with J. Pope).

F. Transportation Safety

"The Safety of Commercial Fishing: Determinants of Vessel Total Losses and Injuries," Journal of

Safety Research, forthcoming (co-authored with D. Jin and H. Kite-Powell).

"Safety Investments, Behaviors and Injury Severity," Applied Economics, forthcoming (co-authored with P. McCarthy).

"Determinants of Crew Injuries in Tow Vessel Accidents," Journal of the Transportation Research Forum, Vol. 39, No. 4 (Fall, 2000), pp. 129-139 (co-authored with P. McCarthy).

"Determinants of Injuries in Barge Accidents," Proceedings of the 41th Annual Meeting of the Transportation Research Forum, (September-October, 1999), pp. 363-377.

"The Safety of Sea Transport: Determinants of Crew Injuries," Applied Economics, Vol. 31 (1999), pp. 1365-1372.

"Evidence on Risk Compensation and Safety Behavior," Economics Letters, Vol. 62 (1999), pp. 91-96
(co-authored with P. McCarthy).

"Determinants of the Severity of Tanker Accidents," Proceedings of the 40th Annual Meeting of the Transportation Research Forum, Vol. 1 (October, 1998), pp. 274-293.

"Total Loss Risk of Ship Accidents," Proceedings of the Seventh International Offshore and Polar Engineering Conference, Vol. 4 (1997), pp. 262-267.

"Determinants of the Severity of Airline Accidents: A Passenger Perspective," International Journal of Transport Economics, Vol. 23, No. 2 (June, 1996), pp. 141-156 (co-authored with R. Phillips).

"Vessel Damage Severity of Tanker Accidents," The Logistics and Transportation Review, Vol. 31, No. 3 (September, 1995), pp. 191-207.

"Safety Investments and Operating Conditions: Determinants of Accident Passenger-Vessel Damage Cost," Southern Economic Journal, Vol. 61, No. 3 (January, 1995), pp. 819-829.

"Recreational Boating Fatality Rates and State Anti-Alcohol Boating Laws," Transportation Quarterly, Vol. 48, No. 3 (Summer, 1994), pp. 311-314.

"Alcohol Involvement in Recreational Boating: Implications for Safety Regulation," Applied Economics, Vol. 25 (1993), pp. 1233-1243 (co-authored with E. Anderson).

"Improving Commuter Air Carrier Safety Performance," Transportation Quarterly, Vol. 47, No. 2 (April, 1993), pp. 247-256 (co-authored with R. Phillips).

"Airline Safety Investments and Operating Conditions: Determinants of Aircraft Damage Severity," Southern Economic Journal, Vol. 59, No. 2 (October, 1992), pp. 157-164 (co-authored with R. Phillips).

"Determinants of Aircraft Accidents and Policy Implications for Air Safety," International Journal of Transport Economics, Vol. 17, No. 2 (June, 1990), pp. 115-130 (co-authored with P. Bossert).

G. Public Finance

"Energy Legislation and Gasoline Tax Revenue," Public Finance Quarterly, Vol. 9, No. 1 (January,

1981), pp. 35-46 (co-authored with S. Warner).

"Simulating the Impact on the National Highway Program of Various Policy Changes," Proceedings of the Southeast TIMS, Vol. 10, 1980, pp. 195-201 (co-authored with S. Warner).

"Indifference and Demand Revealing Processes," Public Finance: International Quarterly Journal, Vol. 34, No. 3 (1979), pp. 434-442.

"The Impact on Highway Construction from Highway Trust Fund Leakages," Atlantic Economic Journal, Vol. 6, No. 2 (July, 1978), p. 95 (co-authored with S. Warner).

"The Equalization Equivalence of Flat Grants and Foundation Programs: A Further Comment," Public Finance Quarterly, Vol. 4, No. 2 (April, 1976), pp. 239-244.

"State Education Aid Formulas: A Comment on the Equivalence of Flat Grants and Foundation Programs," Public Finance Quarterly, Vol. 2, No. 4 (October, 1974), pp. 493-496.

"Optimality and Equity in the Provision of Public Goods by a Polycentric Political System," Southern Economic Journal, Vol. 41, No. 2 (October, 1974), pp. 220-227.

"A Model for Evaluating Alternative Policy Decisions for the Florida Orange Subsector of the Food Industry: A Comment," The American Economist, Vol. 16, No. 2 (Fall, 1972), pp. 76-77.

Toward Equal Educational Opportunity in Kentucky, Office of Business Development and Government Services, University of Kentucky, 1973 (co-authored with D. Soule).

Alternative Measures of Local Shares in Kentucky School Taxes, Office of Business Development and Government Services, University of Kentucky, 1972 (co-authored with D. Soule).

Changing Directions in Kentucky School Finance, Office of Developmental Services and Business Research, University of Kentucky, 1971 (co-authored with D. Soule).

H. Statistical Techniques

"Diffusion Indexes and a Statistical Test for Predicting Turning Points in Business Cycles," International Journal of Forecasting, Vol. 5 (1989), pp. 29-36 (co-authored with W. Chaffin).

"Probit and Discriminant Functions for Classifying Financial Data: A Comparison," Journal of Economics and Business, Vol. 33, No. 3 (May 1981), pp. 254-261 (co-authored with B. Grablowsky).

"Individual Stability in Delphi Studies," Technological Forecasting and Social Change: An International Journal, Vol. 16 (January 1980), pp. 67-73 (co-authored with W. Chaffin).

"Stability and Agreement Criteria for the Termination of Delphi Studies," Technological Forecasting and Social Change: An International Journal, Vol. 13 (January, 1979), pp. 83-90 (co-authored with J. Danjani and M. Sincoff).

"Multi-Discipline Design Teams and the Delphi Technique for Transportation Planning," Land Economics, Vol. 50, No. 4 (November, 1974), pp. 419-421 (co-authored with B. Cooper and C. McCoy).

A Multivariate Probit Model for Classifying Credit Applicants," 1979 Proceedings of the Southeastern AIDS, pp. 164-166 (co-authored with B. Grablowsky).

"Diffusion Indexes and Indifference Bands," 1977 Proceedings of the American Statistical Association, pp. 408-411 (co-authored with W. Chaffin).

"Errors in the Allocation of Consumer Credit: Discriminant and Probit Analysis," 1976 Proceedings of the American Statistical Association, pp. 573-576 (co-authored with J. Silberman).

"N-Chotomous Dependent Variables: An Application to Regulatory Decision-Making," 1974 Proceedings of the American Statistical Association, pp. 573-576.

Logit and Discriminant Analysis: Merits and Limitations for Transportation Mode-Choice Analysis, Transportation Systems Center, U.S. Department of Transportation, 1980.

I. Transportation Costing

"A Standalone-Cost Costing Methodology for a Multiservice Transit Firm," Transportation Research: An International Journal, Vol. 21A, No. 6 (November, 1987), pp. 377-384 (co-authored with E. Anderson).

"Truck Carrier Pickup and Delivery Costing: A Cost Center Approach for Detecting Cost Inefficiency," Transport Policy and Decision-Making: An International Journal, Vol. 3 (1986), pp. 283-295.

"A Rule for Allocating Joint Truck-Carrier Costs," Transportation Research: An International Journal, Vol. 20B, No. 1 (February, 1986), pp. 49-57.

"Motor Carrier Platform Costing," ICC Practitioners' Journal, Vol. 50, No. 2 (January- February, 1983), pp. 176-195.

"Fully Allocated Costing in U.S. Regulated Transportation Industries," Transportation Research: An International Journal, Vol. 17B, No. 4 (August 1983), pp. 319-331.

"A Statistical Cost Analysis of the Household Goods Trucking Industry," Transportation Research Record, No. 912, 1983, pp. 37-41 (co-authored with W. Chaffin).

"Methodologies for Transportation Cost Analysis: A Survey," Transportation Research Record, No. 828, 1981, p. 1-3.

Costing Theory, Analysis and Application, Tidewater Transportation District Commission, 1986 (co-authored with E. Anderson).

Transportation Costing: Seminar Notes, Transport Studies Unit, Oxford University, Ref. No. 223, (June, 1983).

Railroad Costing: Form A, URCS and Alternative Methodologies, Cambridge, Mass: Transportation Systems Center, U.S. Department of Transportation, 1981.

J. Transportation Labor

"Black-White Earnings Differentials: Privatization Versus Deregulation," American Economic

Review: Papers and Proceedings, forthcoming (co-authored with J. Peoples).

"Wage Differentials of Transportation Industries: Deregulation Versus Regulation," Economic Inquiry, forthcoming.

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